

NOTE

A Survey of Shore Bird Lice from Two Wisconsin Counties  
with a New Host Record for *Lunaceps holophaeus*  
(Mallophaga: Philopteridae)

Along with a survey of shore bird helminths, a louse survey was also undertaken. One hundred twelve birds were collected by shotgun from Marathon and Portage counties in Wisconsin during their spring and fall migrations. Each bird was placed in a separate plastic bag to prevent cross contamination. Birds were skinned and the skins boiled for approximately fifteen minutes in a 10% KOH solution. After cooling, the solution was poured through a 60 mesh screen to collect the lice. Specimens were dehydrated in an ethanol series to xylene and then mounted in Permount.

The following birds were infected as given for each species: Of 15 lesser yellowlegs, *Totanus flavipes* (Gmelin), 1 with only *Actornithophilus totani* (Schrank), 11 having only *Quadraceps falcigerus* (Peters), and 3 with both species; of 2 greater yellowlegs, *Totanus melanoleucus* (Gmelin), 1 had *Actornithophilus paludosus* Clay, and the other *Quadraceps similis* (Giebel); of 12 pectoral sandpipers, *Erolia melanotos* (Vieillot), 4 possessed *Carduiceps zonarius* (Nitzsch), 1 harbored *Lunaceps holophaeus* Carriker (NEW HOST RECORD), 3 were parasitized by both *L. holophaeus* and *C. zonarius*, 1 by *Actornithophilus umbrinus* (Burmeister) and *C. zonarius*, and 3 with all 3 species; 1 semipalmated sandpiper, *Ereunetes pusillus* (Linnaeus), with *A. umbrinus*, *C. zonarius*, *Lunaceps holophaeus pusillus* Carriker and *Saemundssonina tringae* (O. Fabricius); 1 western sandpiper, *Ereunetes minor* Cabania, with *C. zonarius*; of 6 Wilson's snipe, *Capella gallinago* (Linnaeus), 4 harbored *Rhynonirmus scolopacis* (Denny); 4 of 75 American woodcocks, *Philohela minor* (Gmelin), harbored *Rhynonirmus parsonae* Clay.

*Lunaceps holophaeus*, from the pectoral sandpiper, matches the description of this species from the ruff, *Philomachus pugnax* (Linnaeus), see Timmermann (1954. Ann. Mag. Natl. Hist. Ser. 12, 7:623-637). Emerson (1972. Rep. Deseret Test Center, Dugway, Utah. Part 1:1-200) predicted that *Lunaceps* might occur on pectoral sandpipers.

Voucher specimens of two males and two females of *L. holophaeus* from the pectoral sandpiper are deposited at the USNM. Accession Number 336493. This research was supported in part by Research Grant 5336 from the Wisconsin State University Regents.

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